## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 73 | "6,665,950" "4,752,213" "4,762,530" "5,062,788" "3,407,023" "3,021,893" "6,261,089" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/06 13:33 |
| S2 | 10 | ("3499232" \| "4333003" \| "4691942" \| "4843731" \| "4861261" \| "5135390" \| "5816235" \| "RE34541").PN. OR ("6665950"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/10/06 13:38 |
| S3 | 2 | ("3021893"). URPN. | USPAT | OR | OFF | 2008/10/06 13:41 |
| S4 | 4 | "0233691" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/06 13:44 |
| S5 | 1840 | 431/328.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/06 14:23 |
| S6 | 73 | S5 and gas near3 tube and air near3 tube | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/06 15:11 |

| | | | | | | |
|---|---|---|---|---|---|---|
| S7 | 1 | S6 and quick with (connect$3 or disconnect$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/06 15:13 |
| S8 | 9 | S5 and quick with (connect$3 or disconnect$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/06 15:21 |
| S9 | 24566 | S5 back near2 tube | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/06 15:33 |
| S10 | 15 | S5 and back near2 tube | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/06 15:33 |
| S11 | 854 | 431/329.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/06 15:37 |
| S12 | 92 | S11 and burner near radia$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/06 15:38 |
| S13 | 1005 | 431/170.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/06 15:46 |
| S14 | 20 | S13 and burner near radia$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/06 15:46 |

| | | | | | | |
|---|---|---|---|---|---|---|
| S15 | 150 | S5 and air near2 (tube or chamber) and gas near2 (tube or chamber) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/06 15:49 |
| S16 | 371 | 34/266.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/06 16:14 |
| S17 | 2 | "4762530".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/06 17:55 |
| S18 | 20 | ("2585835" \| "3253642" \| "3436166" \| "3799223" \| "3847184" \| "3874839" \| "4118175" \| "4373505" \| "4488534").PN. OR ("4762530"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/10/06 17:56 |
| S19 | 20 | ("2585835" \| "3253642" \| "3436166" \| "3799223" \| "3847184" \| "3874839" \| "4118175" \| "4373505" \| "4488534").PN. OR ("4762530"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/10/07 09:18 |
| S20 | 371 | 34/266.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/07 11:11 |

| | | | | | | |
|---|---|---|---|---|---|---|
| S21 | 122 | 34/267.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/07 11:12 |
| S22 | 32 | 34/268.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/07 11:14 |
| S23 | 820 | 285/231.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/07 11:14 |
| S24 | 9 | S23 and gas near2 tube | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/07 11:15 |
| S25 | 1837 | 431/354.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/07 11:16 |
| S26 | 2 | S23 and gas near2 tube and air near3 tube | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/07 11:17 |
| S27 | 13 | Lenoir near1 Patrick | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/08 13:37 |

| | | | | | | |
|---|---|---|---|---|---|---|
| S28 | 9 | ("3529916" \| "3695818" \| "3751213" \| "4861261" \| "5249953" \| "6008479" \| "6575736" \| "6665950").PN. OR ("7011516").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 16:29 |
| S29 | 10 | ("3499232" \| "4333003" \| "4691942" \| "4843731" \| "4861261" \| "5135390" \| "5816235" \| "RE34541").PN. OR ("6665950").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 16:29 |
| S30 | 980 | 431/1.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 16:33 |
| S31 | 408 | S30 and gas and connect$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 16:34 |
| S32 | 1853 | 431/354.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 16:54 |
| S33 | 119 | S32 and gas near2 tube and air near3 tube | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/30 16:54 |

| | | | | | | |
|---|---|---|---|---|---|---|
| S34 | 24 | ("2722970" \| "3318560" \| "3347575" \| "4478205" \| "4586483" \| "4598692" \| "4773384" \| "4909238" \| "4932392" \| "Re32133").PN. OR ("5291875"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 17:01 |
| S35 | 1 | wo00/79045 | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 17:36 |
| S36 | 1 | "5062788".pn. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 17:41 |
| S37 | 29 | ("2494243" \| "2618539" \| "3080912" \| "3695818" \| "3715183" \| "3736095" \| "4039275" \| "4235023" \| "4546553" \| "4752213" \| "4785552").PN. OR ("5062788"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/30 17:48 |
| S38 | 6584 | ((431/328) or (431/329) or (431/170) or (34/266) or (34/267) or (34/268) or (285/231) or (431/354)).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/05/01 18:42 |
| S39 | 35 | S38 and @pd >= "20081016" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/05/01 18:43 |
| S40 | 814 | 431/7.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/10/07 09:12 |

| | | | | | | |
|---|---|---|---|---|---|---|
| S41 | 73952 | "99"/$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/10/07 09:20 |
| S42 | 48 | S41 and radiant same burner same gas same air same mix$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/10/07 09:22 |
| S43 | 2 | "4752213".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/10/07 09:27 |
| S44 | 30 | ("2718919" \| "2956622" \| "3237679" \| "3527199" \| "4082497" \| "4224019" \| "4311447" \| "4492564" \| "4499890" \| "4610626" \| "4668012").PN. OR ("4752213"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/10/07 09:27 |
| S45 | 30 | ("2718919" \| "2956622" \| "3237679" \| "3527199" \| "4082497" \| "4224019" \| "4311447" \| "4492564" \| "4499890" \| "4610626" \| "4668012").PN. OR ("4752213"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/10/07 09:27 |
| S46 | 62016 | "34"/$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/10/07 09:44 |

| | | | | | | |
|---|---|---|---|---|---|---|
| S47 | 72 | S46 and radiant same burner same gas same air same mix$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/10/07 09:44 |
| S48 | 1869 | 431/354.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/10/07 10:30 |
| S49 | 1850 | 431/328.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/10/07 11:15 |
| S50 | 4 | ("2122132"). URPN. | USPAT | OR | OFF | 2009/10/07 11:37 |
| S51 | 896 | 431/10.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/10/07 11:41 |
| S52 | 983 | 431/1.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/10/07 11:57 |
| S53 | 708 | 431/326.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/10/07 12:09 |
| S54 | 1 | "4752213".pn. | USPAT | OR | OFF | 2009/10/08 08:49 |
| S55 | 1 | "5306138".pn. | USPAT | OR | OFF | 2009/10/08 08:50 |
| S56 | 5 | ("3468634" \| "3838975" \| "4850857" \| "5062788").PN. OR ("5306138"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/10/08 08:51 |

| | | | | | | |
|---|---|---|---|---|---|---|
| S57 | 1 | "6261089".pn. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/10/08 08:52 |
| S58 | 14 | ("1466356" \| "1642426" \| "1863100" \| "4907964" \| "5062788" \| "5108284" \| "5145361" \| "5190454" \| "5667375" \| "5743727" \| "6027336").PN. OR ("6261089"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/10/08 08:55 |
| S59 | 6610 | ((431/328) or (431/329) or (431/170) or (34/266) or (34/267) or (34/268) or (285/231) or (431/354)).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/10/08 16:21 |
| S60 | 23 | S59 and @pd >= "20090511" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/10/08 16:21 |
| S61 | 6656 | ((431/328) or (431/329) or (431/170) or (34/266) or (34/267) or (34/268) or (285/231) or (431/354)).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/04/08 09:51 |
| S62 | 46 | S61 and @pd >= "20091016" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/04/08 09:51 |
| S63 | 128 | S61 and tube same cool$3 same (fuel or gas) near2 mix$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/04/08 09:55 |

| | | | | | | |
|---|---|---|---|---|---|---|
| S64 | 1 | "5062788".pn. | USPAT | OR | OFF | 2010/04/08 10:08 |
| S65 | 6701 | ((431/328) or (431/329) or (431/170) or (34/266) or (34/267) or (34/268) or (285/231) or (431/354)).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/10/14 20:53 |
| S66 | 45 | S65 and @pd >= "20100412" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/10/14 20:53 |

**EAST Search History (Interference)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S67 | 849 | gas same burn$3 same air same (tube or pipe or conduit) same wall same (aperture or hole or opening) | US-PGPUB; USPAT; UPAD | OR | OFF | 2010/10/14 21:01 |
| S68 | 41 | gas same burn$3 same air same (tube or pipe or conduit) same wall same (aperture or hole or opening) same back same connect$4 | US-PGPUB; USPAT; UPAD | OR | OFF | 2010/10/14 21:03 |
| S69 | 0 | gas same burn$3 same air same (tube or pipe or conduit) same wall same (aperture or hole or opening) same back same connect$4 same (detarch$4 or disconnect$4) | US-PGPUB; USPAT; UPAD | OR | OFF | 2010/10/14 21:06 |

| | | | | | | |
|---|---|---|---|---|---|---|
| S70 | 2 | gas same burn$3 same air same (tube or pipe or conduit) same wall same (aperture or hole or opening) same back same connect$4 same (detach$4 or disconnect$4) | US-PGPUB; USPAT; UPAD | OR | OFF | 2010/10/14 21:06 |
| S71 | 11 | gas same burn$3 same air same (tube or pipe or conduit) same wall same (aperture or hole or opening) same connect$4 same (detach$4 or disconnect$4) | US-PGPUB; USPAT; UPAD | OR | OFF | 2010/10/14 21:08 |
| S72 | 7 | gas same burn$3 same air same (tube or pipe or conduit) same radia $4 same (aperture or hole or opening) same connect$4 same (detach$4 or disconnect$4) | US-PGPUB; USPAT; UPAD | OR | OFF | 2010/10/14 21:09 |
| S73 | 0 | gas same burn$3 same air same (tube or pipe or conduit) same radia $4 same (aperture or hole or opening) same connect$4 same quick same (detach$4 or disconnect$4) | US-PGPUB; USPAT; UPAD | OR | OFF | 2010/10/14 21:11 |
| S74 | 7 | gas same burn$3 same air same (tube or pipe or conduit) same radia $4 same (aperture or hole or opening or orifice) same connect$4 same (detach$4 or disconnect$4) | US-PGPUB; USPAT; UPAD | OR | OFF | 2010/10/14 21:14 |

| | | | | | | |
|---|---|---|---|---|---|---|
| S75 | 1 | gas same burn$3 same air same (tube or pipe or conduit) same radia $4 same (aperture or hole or opening or orifice) same connect$4 same (detachable or disconnect$4) | US-PGPUB; USPAT; UPAD | OR | OFF | 2010/10/14 21:17 |
| S76 | 0 | gas same burn$3 same air same (tube or pipe or conduit) same radia $4 same (aperture or hole or opening or orifice) same quick same (detachable or disconnect$4) | US-PGPUB; USPAT; UPAD | OR | OFF | 2010/10/14 21:18 |
| S77 | 1 | gas same burn$3 same air same (tube or pipe or conduit) same radia $4 same (aperture or hole or opening or orifice) same (detachable or disconnect$4) | US-PGPUB; USPAT; UPAD | OR | OFF | 2010/10/14 21:18 |
| S78 | 16 | gas same burn$3 same air same (tube or pipe or conduit) same (aperture or hole or opening or orifice) same (detachable or disconnect$4) | US-PGPUB; USPAT; UPAD | OR | OFF | 2010/10/14 21:19 |
| S79 | 2 | gas same burn$3 same air same (tube or pipe or conduit) same (aperture or hole or opening or orifice) same (detachable or disconnect$4) same back | US-PGPUB; USPAT; UPAD | OR | OFF | 2010/10/14 21:21 |

| | | | | | | |
|---|---|---|---|---|---|---|
| S80 | 5 | gas same burn$3 same air same (tube or pipe or conduit) same (aperture or hole or opening or orifice) same (detachable or disconnect$4) same wall | US-PGPUB; USPAT; UPAD | OR | OFF | 2010/10/14 21:21 |

**10/15/2010 5:41:29 PM**
**C:\Documents and Settings\cndubizu\My Documents\EAST\Workspaces\10591536 appliance for burner.wsp**